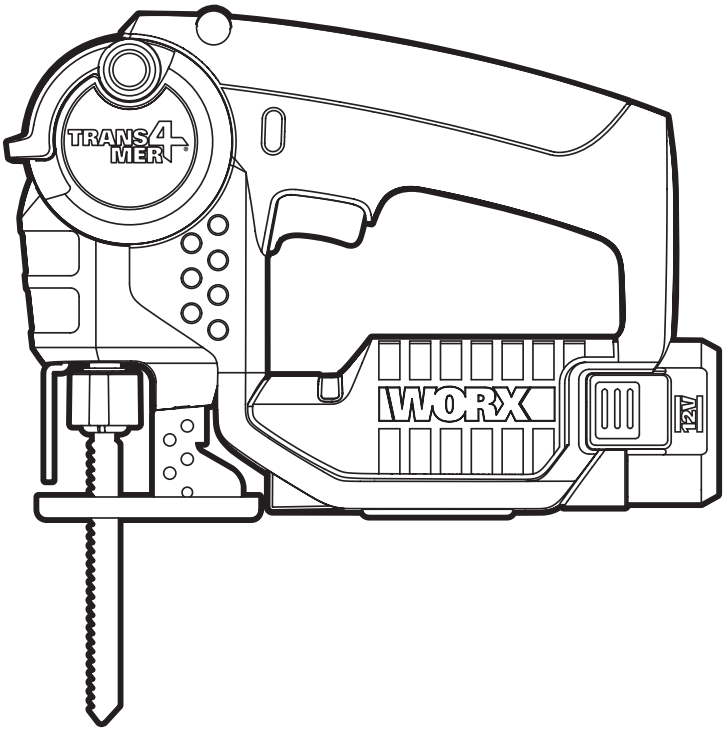
WORX®



TRANS 4 MER®

SAFETY AND OPERATING MANUAL

12V Li-Ion Multi-purposed saw

WX540 WX540.3 WX540.9

GENERAL POWER TOOL SAFETY WARNINGS

⚠ **WARNING: Read all safety warnings and instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.
The term power tool in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) WORK AREA SAFETY

a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.

b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY

a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

b) Avoid body contact with grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

f) If operating a power tool in a damp location is unavoidable, use a Ground Fault Circuit Interupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

3) PERSONAL SAFETY

a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.

e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

g) If devices are provided for the

connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) BATTERY TOOL USE AND CARE

a) Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

b) Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

d) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

6) SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY RULES FOR YOUR RECIPROCATING SAW/ JIGSAW

1. **Always wear a dust mask.**
2. **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Cutting accessory contacting a 'live" wire may make exposed metal parts of the power tool "live" and could give**

the operator an electric shock

3. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
4. **Always wear safety glasses or eye shields when using the jig saw. Everyday eyeglasses have only impact-resistant lenses; they are NOT safety glasses.** Following this rule will reduce the risk of serious personal injury.
5. **Always wear hearing protection during extended periods of operation.** Following this rule will reduce the risk of serious personal injury.
6. **Keep your hands away from cutting area.** Do not reach under the material being cut because the nearness of the blade to your hand is hidden from your sight.
7. **Do not use dull or damaged blades.** Bent blades can break easily, or cause kickback.
8. Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.
9. Fully unwind cable drum extensions to avoid potential overheating.
10. When an extension cable is required you must ensure it has the correct ampere rating for your power tool and is in a safe electrical condition.
11. Ensure your mains supply voltage is the same as indicated on the rating plate.
12. Your tool is double insulated for additional protection against a possible electrical insulation failure within the tool.
13. Always check walls, floors and ceilings to avoid hidden power cables and pipes.
14. After long working period, external metal parts and accessories could be hot.
15. Only withdraw the blade from the cut when the blade has been stopped moving.
16. The pivoting blade foot must be held firmly against the material being cut to reduce saw vibration, blade jumping and blade breakage.
17. Before cutting, check the cutting line is free of nails, screws, etc.
18. If possible, ensure the work-piece is firmly clamped to prevent movement.
19. Never stop the cutting blade by applying side pressure to the blade.

WARNING: Some dust particles created by power sawing, contain chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:

- Work in a well-ventilated area.
- Work with approved safety equipment, such as those dust masks that are specially designed to filter microscopic particles.

SYMBOLS

To reduce the risk of injury, user must read instruction manual.

Double insulation

Warning

Wear ear protection

Wear eye protection

Wear dust mask

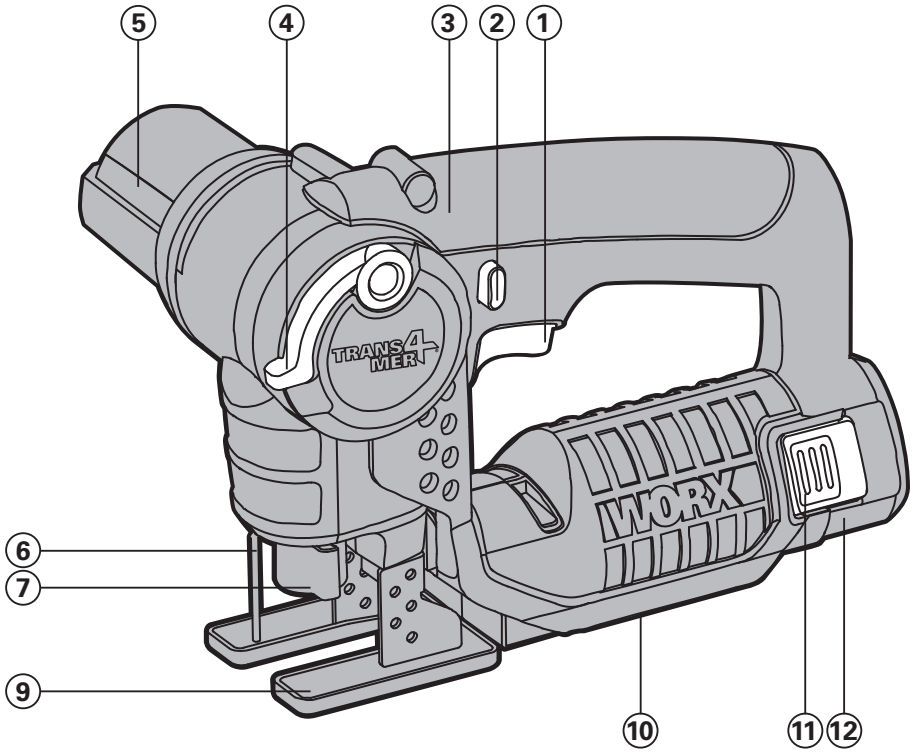
Do not expose to rain or water

Do not burn

Always charge the battery pack between temperatures 0°C to 30°C

C-Tick approval mark

N12702



12V Li-Ion
Multi-purposed saw

WX540
WX540.3 WX540.9

1.	ON/OFF SWITCH
2.	LOCK-OFF BUTTON
3.	HAND GRIP AREAS
4.	PIVOT RELEASE LEVER
5.	MOTOR COVER
6.	PROTECTION FINGER
7.	BLADE HOLDER
8.	LED WORK LIGHT (SEE FIG. G1)
9.	FOOT PLATE
10.	BASE PLATE
11.	BATTERY RELEASE BUTTON
12.	BATTERY PACK
13.	CHARGER (See Fig. A)
14.	CHARGED INDICATOR LIGHT (See Fig. A)
15.	BLADE (See Fig. F)

*** Not all the accessories illustrated or described are included in standard delivery.**

TECHNICAL DATA

Rated voltage		12V ⎓
No load speed		2200/min
Stroke length		16mm
Cutting capacity, Max. thickness		
	Wood	50mm
	PVC pipe	45mm
	Steel	4mm
Machine weight		1.2kg

ACCESSORIES

	WX540	WX540.3	WX540.9
Charger	3-5h	30min	/
Li-Ion battery pack	1	1	/
Metal cutting blade	1	1	1
Wood cutting blade	1	1	1
Aluminum cutting blade	1	1	1

You can only use the blade type shown in Fig F. Don't use other blade types.

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

OPERATING INSTRUCTIONS

NOTE: Before using the tool, read the instruction book carefully.

INTENDED USE

The machine is 2 saws in 1 tool with rep saw and jig saw function, intended for sawing wood, plastic, metal and building materials while resting firmly on the workpiece. It is suitable for straight and curved cuts.

CHARGING PROCEDURE

1. CHARGING YOUR BATTERY PACK

WARNING!

The charger and battery pack are specifically designed to work together so do not attempt to use any other devices. Never insert or allow metallic objects into your charger or battery pack connections because an electrical failure and hazard will occur.

2. BEFORE USING YOUR CORDLESS TOOL

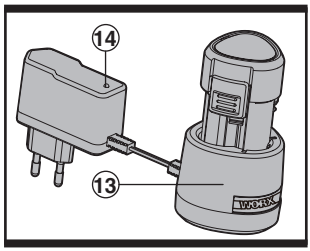
Your battery pack is UNCHARGED and you must charge once before use. When you charge the new battery or one which has not been used for long periods of time, it may not reach full charge until after you have discharged it fully in use and recharged it several times.

3.1 HOW TO CHARGE YOUR BATTERY PACK (WX540) (See Fig. A1)

Connect the battery charger to the power supply and the green light (14) will illuminate.
Slide the battery pack into the charger base to make the connections. And the red light (14) will illuminate to show charging has started.
After charging approx 3-5hours, the red light will switch to green, which means the battery is full, and charging is completed.

3.2 CHARGING PROCEDURE (WX540.3) (See Fig. A2)

1) Plug the charger into an appropriate outlet. The light (WORX LOGO)(a) will be green.
2) Insert the battery pack into the charger, the WORX logo will be red to indicate the charging process has started.
3) On completion of charge, the logo will turn to be green. The pack is now fully charged, unplug the charger and remove the battery pack.



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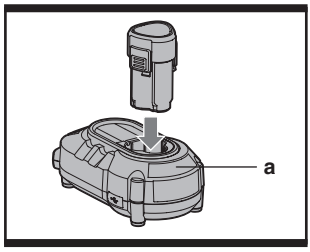

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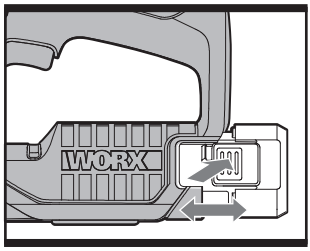

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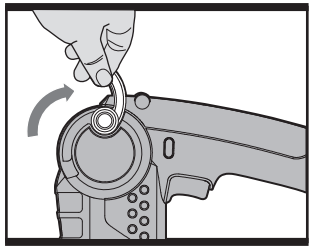

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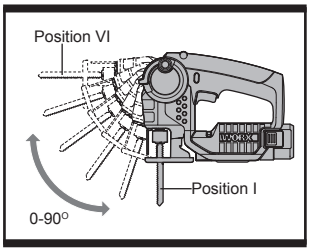

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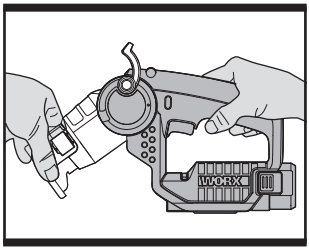
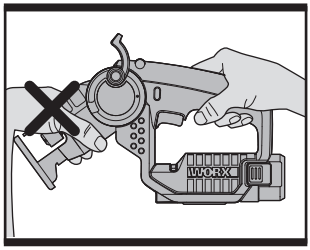
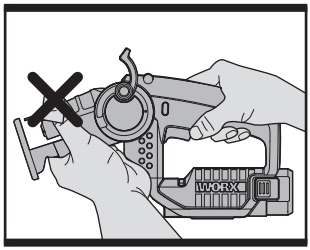


E1



E2



E3

4. TO REMOVE OR INSTALL BATTERY PACK (See Fig. B)

Locate buttons on side of battery pack and depress both sides to release battery pack from your tool. Remove battery pack from your tool. After recharge insert the battery pack into the battery port. A simple push and slight pressure will be sufficient.

ADJUSTMENT

Function of this tool is the combination of a jigsaw and a reciprocating saw, which is realized by operating the pivot release lever (4).

Lift up the pivot release lever to full until it cannot be lifted. (See Fig. C)

Rotate the front portion of the tool into any of the SIX positions (0, 18, 36, 54, 72 and 90deg) (See Fig. D).

Restore the pivot release lever.

In Position I, this tool can be worked as a jigsaw.

In Position VI, this tool can be worked as a reciprocating saw.

WARNING!

When adjusting the tool, you can only hold the foot plate as shown in Fig.E1. Never hold the pivot head as shown in Fig. E2, E3.

WARNING!

• To avoid being pinched, keep hands away from the hinge when changing positions.

• To avoid tool being turned on accidentally, make sure keep your hands away from the lock-off button.

REPLACING/INSERTING THE SAW BLADE

Before any work on the machine itself, remove the battery.

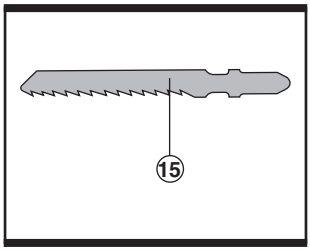
The blade should extend past the foot plate and the thickness of the workpiece during the cut. Select the blade best suitable for the material to be cut and use the shortest blade suitable for the thickness of the material.

WARNING! Cut hazard. Blade breakage may occur if the blade does not extend past the foot plate and the workpiece during the cut. Increased risk of personal injury, as well as damage to the foot plate and workpiece may result.

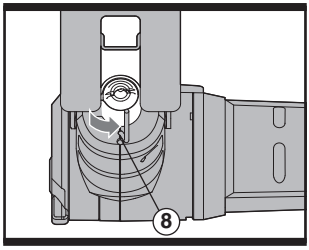
CAUTION: Keep your hands away from the lock-off button to prevent switch actuation before making any adjustments or removing or installing attachments or accessories.

——INSERTING THE SAW BLADE (See Fig. F-H)
Wear protective gloves when assembling the saw blade. Contact with the saw blade can lead to injuries. You can only use the blade type shown in Fig F.
The machine is equipped with a tool-free blade holder (7). This makes possible easy and quick changing of the saw blade without any additional tools.
Rotate the ring counterclockwise and hold in position. Fully insert the blade into the blade holder slot with blade teeth facing forward then release the ring, which will self-rotate and clamp over the top of the blade. (See Fig. G1&G2)

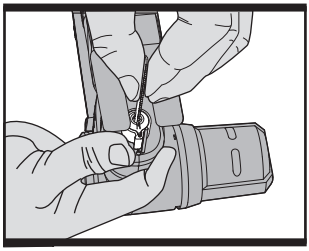
——REMOVING THE SAW BLADE
To remove a blade, hold the blade and rotate the blade holder ring counterclockwise to release the blade.
WARNING: The blade may be spring ejected so protect your eyes.
NOTE: When using JIGSAW MODE, the blade teeth face forward as shown in Fig. H.



F



G1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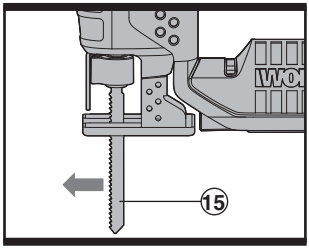
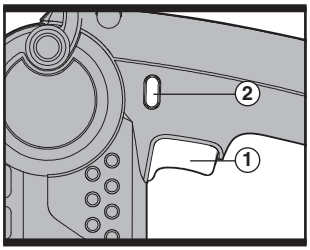


H



I

OPERATION

WARNING: Always wear eye protection while operating this or any other power tool.

WARNING: Burn hazard. Do not touch the blade immediately after use. Contact with the blade may result in personal injury.

Before you begin work, ensure the material to be cut is rigid. Small workpieces should be securely clamped to a work table.

1. SWITCHING ON AND OFF (See Fig. I)

For starting operation of the machine, actuate the lock-off button (2) first, then press and hold the On/Off switch (1) afterwards. To switch off the machine, release the On/Off switch (1).

For safety reasons the On/Off switch of the machine cannot be locked; it must remain pressed during the entire operation.

2. HAND GRIP AREAS

Always ensure you maintain a firm grip while operating your jigsaw.

3. PROTECTION FINGER

The finger is located in front of the blade holder. While working, it will help prevent accidental contact with the moving blade.

4. LED WORK LIGHT

A light (8) is built-in near the end of the protection finger. The light will automatically come on each time the on/off switch is depressed.

5. CUTTING

WARNING: Always wear eye protection while operating this power tool.

WARNING:

• Never hold the pivot head when operating the tool.

• Never hold the motor cover when operating the tool. Before cutting any type of material, be sure it is firmly anchored or clamped to prevent slipping. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

• Place blade lightly against work to be cut, depress the trigger switch and allow it to obtain maximum speed before applying pressure.

• Whenever possible, the saw foot plate must be held firmly against the material being cut. This will prevent the saw from jumping or vibrating and minimize blade

breakage.
Any cut which puts pressure on the blade, such as angle or scroll cuts, increases potential for vibration, kickback and blade breakage.

WARNING: Shock hazard. Use extra caution when cutting overhead and pay particular attention to overhead wires which may be hidden from view.

WARNING: Use extra caution when cutting overhead and anticipate the path of falling branche**s and debris ahead of time.**

WARNING: Inspect work site for hidden gas pipes, water pipes, or electrical wires before making blind or plunge cuts. Failure to do so may result in explosion, property damage, electric shock, and/or serious personal injury.

WORKING HINTS FOR YOUR MULTI-PURPOSED SAW

If your power tool becomes too hot, set the speed to maximum and run no-load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds.

GENERAL

Always use a blade suited to the material and material thickness to be cut.
Always ensure the work–piece is firmly held or clamped to prevent movement.
Any movement of the material may affect the quality of the cut. The blade cuts on the upward stroke and may chip the uppermost surface.
Ensure your uppermost surface is a non-visible surface when your work is finished.

MAINTENANCE

Your power tool requires no additional lubrication or maintenance.
There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

TROUBLESHOOTING

Symptom	Possible Causes	Possible Solution
The tool suddenly stops during operation.	Over load Battery temperature too high Low battery capacity	Relieve the load on the machine immediately and allow cooling for approx. 30 seconds at the highest no-load speed. Charge the battery pack.

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